

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



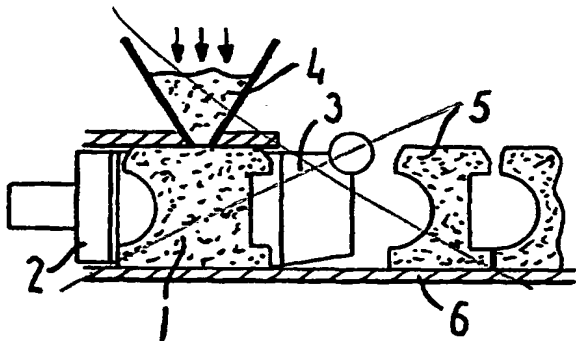
(43) International Publication Date
22 February 2001 (22.02.2001)

PCT

(10) International Publication Number
WO 01/12360 A1

- (51) International Patent Classification⁷: **B22C 11/10**, 19/04
- (21) International Application Number: PCT/DK99/00437
- (22) International Filing Date: 16 August 1999 (16.08.1999)
- (25) Filing Language: English
- (26) Publication Language: English
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- (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
— With international search report.
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INDEPENDENT CONTROL OF SQUEEZE PLATE VELOCITY DURING FLASKLESS MOULDING



(57) Abstract: The present invention relates to a method of producing mould parts (5) on a string moulding apparatus comprising a moulding chamber (1) between a squeeze plate (2) and a pivoted squeeze plate (3) in which both the squeeze plate (2) and the pivoted squeeze plate (3) can move in a direction towards each other and a direction away from one another comprising the steps of introducing a compressible particulate moulding material (4) in the moulding chamber (1) and then squeezing the moulding material (4) by moving the squeeze plate (2) and the pivoted squeeze plate (3) towards one another wherein the velocity of the squeeze plate and the velocity of the pivoted squeeze plate are controlled independent from one another during the squeezing of the mould part (5). Further the invention relates to a string moulding

apparatus for producing mould parts (5) comprising a moulding chamber (1) between a squeeze plate (2) and a pivoted squeeze plate (3), in which mould parts (5) are produced by introducing a compressible particulate moulding material (4) in the moulding chamber (1) and then moving the squeeze plate (2) and the pivoted squeeze plate (3) towards each other to squeeze the mould part (5) wherein the velocity of the squeeze plate (2) and the velocity of the pivoted squeeze plate (3) are controlled independently from one another during squeezing of the mould part (5).

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205120-94964001